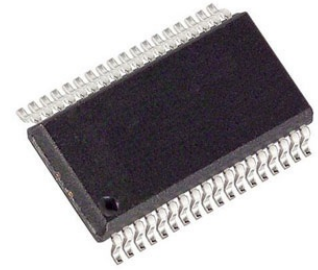


## H-Bridge Motor Driver Automotive 36-Pin PowerSSO EP T/R



Images are for reference only

[Inquiry](#)

**Manufacturer:** [STMicroelectronics, Inc](#)

**Package/Case:** SSOP36

**Product Type:** Driver ICs

**Lifecycle:** Active

### General Description

The L99MD02 IC is a 6 x half bridge driver for automotive applications. The device is intended to drive DC-motors. It is possible to drive 3 DC-motors simultaneously or up to 5 DC-motors sequentially.

The integrated 24 bit standard serial peripheral interface (SPI) controls all outputs and provides diagnostic information: normal operation, open-load in on-state, overcurrent, temperature warning and overtemperature.

### Key Features

6 half bridges

R

ON

j

Current limit of each output at minimum 0.8 A

Internal PWM generation

PWM mode option for all half bridges for hold current

Two current monitor outputs

SPI interface for data communication

### Recommended For You

#### L9651

STMicroelectronics, Inc

HSOP20

#### L9678PTR

STMicroelectronics, Inc

LQFP-64

#### L9904

STMicroelectronics, Inc

SOP20

**L9822EPD**

STMicroelectronics, Inc  
HSOP20

**L9951**

STMicroelectronics, Inc  
HSSOP36

**L9680TR**

STMicroelectronics, Inc  
LQFP100

**L9949**

STMicroelectronics, Inc  
HSOP20

**L9950**

STMicroelectronics, Inc  
HSSOP36

**L9848**

STMicroelectronics, Inc  
SOP28

**L9950XP**

STMicroelectronics, Inc  
SSOP36

**L9952GXP**

STMicroelectronics, Inc  
SSOP36

**L9733XP**

STMicroelectronics, Inc  
SSOP28

**L9958SBTR**

STMicroelectronics, Inc  
SSOP16

**L9651-TR**

STMicroelectronics, Inc  
HSOP20

**L9374IRLF**

STMicroelectronics, Inc  
SSOP36